DOD Technical Manual Functional Description (TMFD)

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NOTE:

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FOREWORD

1 Introduction.

There are two major purposes for this Foreword: a) to assist in promoting the mutual understanding between user and developer, and b) to provide information to allow successful transition from one section of this Functional Description (FD) to another. This document addresses the Joint Technical Manual System functional requirements.

2 Ground Rules.

Four ground rules were observed while compiling and writing this FD:

a. The functionality associated with the management and use of Technical Manuals (TMs) will remain basically the same after the system is implemented. However, the processes will be improved through automation and standardization.

b. The FD provides: 1) TM functional/system requirements; 2) TM Automated Data System (ADS) performance requirements, preliminary design considerations and user impacts; and 3) the basis for development of system(s) tests for the ADS.

c. Issues associated with the details of policy/guidance, infrastructure, and detailed specifications are not addressed in this document.

d. For the purposes of this FD, the term TM is used for consistency [except in Section 2.1, 2.2, and 2.3 where each service's description of existing system(s) is found]. Refer to the Glossary in Appendix I for a complete definition of the term "Technical Manual."

3 FD Organization.

This document was compiled using the format prescribed in DoD-STD-7935A, 31 Oct 88. Some deviations were made for clarity and informational purposes, such as adding and rearranging certain applicable paragraphs. These deviations are shown in the following matrix:

DoD-STD-7935A

SECTION
1 GENERAL
1.1 Purpose of FD
1.2 Project References
1.3 Terms and Abbreviations

SECTION 2 SYSTEM SUMMARY
2.1 Background
2.2 Objectives
2.3 Existing Methods and Procedures
2.4 Proposed Methods and Procedures
2.5 Assumptions and Constraints

SECTION 3 DETAILED CHARACTERISTICS
3.1 Specific Performance Requirements
3.2 Functional Area System Functions
3.3 Inputs and Outputs
3.5 Failure Contingencies

SECTION 4 DESIGN CONSIDERATIONS
4.1 System Description
4.2 System Functions
4.3 Flexibility
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SECTION 5 ENVIRONMENT
5.1 Equipment Environment
5.2 Support Software Environment
5.3 Communications Requirements
5.4 Interfaces
5.5 Summary of Impacts
5.6 Failure Contingencies
5.7 Assumptions and Constraints

SECTION 6 SECURITY
6.1 Background Information
6.2 Control Points, Vulnerabilities, and Safeguards
6.3 System Monitoring and Auditing

SECTION 7 SYSTEM DEVELOPMENT PLAN

SECTION 8 COST FACTORS

Joint Technical Manual System

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SECTION 8 COST FACTORS

The link between the FD and operational requirements is found in Sections 2, 3, and 4; supporting documentation is found in Sections 1, 5, 6, 7, and 8. A general description of Sections 2, 3, and 4 is provided below.

a. Section 2 provides the key to understanding the approach and functional modeling techniques used to develop the technical content of the FD. This section: 1) aids in the reading and understanding of the TM system functional model; 2) provides a top level description of all the functions or activities associated with the life cycle management of TMs; 3) identifies the functions that are to be automated in whole or supported by automation; 4) supplies a summary of improvements and impacts; and 5) presents objectives, assumptions and constraints.

b. Section 3 provides a more detailed description of the processes or activities that are performed in the sub-functions of the management of TMs and TM data. Section 3 also describes the processes/activities that are to be automated or performed.

c. Section 4 provides the information link between TM management processes, which are shown as automated in Section 3, and those that are to be automated. It is not intended to be the definitive listing of the processes that can be automated. The specific ADS performance characteristics are found in this section.

4 Improvements.

The joint TM system will allow the services to correct current deficiencies as identified in each service's Mission Need Statement or Statement of Need. There are three key deficiencies that are common to all three services which will be corrected. The benefits that will be realized by correcting these deficiencies, for all personnel who manage or use TMs, are summarized below.

a. Current TM information not available to users.

1. Maintain adequate levels of TMs in stock (digital and paper).

2. Improve the TM inventory and distribution processes.

3. Reduce and improve the requisition process.

4. Provide controls over publishing.

5. Reduce the time required to create, submit and analyze change requests.

6. Replace or enhance current piecemeal or outdated TM management systems.

7. Reduce large storage facilities for paper TMs.

8. Provide capability to rapidly develop and publish TM
changes and updates.

9. Provide the digital network necessary for on-line distribution of Interactive Electronic Technical Manual (IETM) data to IETM users.

b. Increasingly complex and difficult to use Tms.

1. Provide configuration management of complete TMs, TM changes, abbreviated TMs, and supplements.

2. Provide the enhanced capabilities necessary to create and manage the selective view packages that enable "user-friendly" IETMS.

c. Limited Department of Defense (DoD) capability to acquire, receive, distribute, and use digital TM data.

1. Permit the acquisition, receipt, distribution and use of digital TMs.

2. Standardize acquisition, acceptance, distribution and management of TMs.

3. Provide access to TMs via digital media.

5 Benefits.

The implementation of the joint TM system will provide benefits to users at all levels of the DoD. Some of the benefits that will be realized by the different users or organizations are provided in the following paragraphs.

5.1 Local Libraries/Distribution Centers.

a. Improves communications with TM managers, program offices, contractors, users, and supporters.

b. Reduces processing time for requisitions, TM improvements, and publishing requests.

c. Provides efficient feedback and audit capabilities for requisitions and TM improvements.

d. Automates TM improvement and management applications (e.g., forms).

e. Provides efficient control of TM inventory.

f. Provides access to TM indexes for weapon systems.

g. Provides capability for interfaces to existing automated systems.

h. Improves TM distribution capability.

i. Provides local electronic publishing/printing capability.

j. Provides timely TM changes.

k. Provides current and accurate TM data.

l. Reduces large scale bulk paper TM storage requirements.

m. Re-establishes confidence in the TM system.

n. Provides accurate and timely information to managers.

o. Provides DoD-wide interaction/access to TM data.

5.2 Operating Commands and Users.

a. Reduces processing time for TM improvement review.

b. Improves communication with TM managers.

c. Provides on-line feedback and audit trail for TM improvement reports.

d. Provides on-line and interactive support for in-process reviews, validations and/or verifications of TMs in development.

e. Provides on-line and interactive support for review of acquisition plans, schedules and status reports.

f. Provides integration of TM authoring systems.

g. Reduces size of TM storage facilities.

h. Eliminates duplicate or redundant change requests.

i. Re-establishes confidence in the TM system.

j. Increases productivity and quality.

k. Improves weapon system/equipment safety.

l. Increases weapon system/equipment maintenance quality.

m. Provides on-line access for management decision-making.

n. Automates tracking, control, and configuration management.

o. Replaces outdated or limited systems.

p. Provides cost and schedule control.

q. Provides capability to tailor reports.
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r. Provides capability to adapt to future need&.

s. Standardizes procedures and TM format.

t. Simplifies management of TMs.

u. Provides access/interface to other information systems.

v. Provides ease of transition from one system or technology to another with no distraction due to TM format differences.

w. Reduces training time and costs.

x. Provides most current TM data.

y. Reduces "red-lined" TMs.

z. Reduces interim contractor support requirements.

aa. Provides TM authoring capability.

ab. Improves TM accuracy.

ac. Increases weapon system/equipment maintenance quality.

ad. Improves weapon system/equipment safety.

5.3 Acquisition Activities.

a. Improves and streamlines communications/coordination between program offices, contractors, users, and supporters during the acquisition process.

b. Provides capability to perform Pre-Publication and In-Process Reviews at home stations and on-line. The need for travel to bring all participants into one location will be reduced.

c. Provides status, schedule and cost information on-line.

d. Provides on-line update capability during TM validation and/or verification.

e. Provides on-line access to contractor delivered data and/or contractor maintained data bases.

f. Reduces program office publication and distribution costs.

g. Provides on-line capability for improvements coordination.

h. Provides standardization of technical data through specifications and standards.

i. Provides historical files of previous acquisitions and lessons learned.

j. Improves the flow of TM contractual processes and documentation.

k. Provides acquisition management data to improve the management decision process.

l. Provides integration of TM authoring systems.

m. Provides capability to tailor reports.

n. Provides TM authoring capability.

SECTION 1. GENERAL

The Air Force Logistics Command (AFLC) was tasked by the Office of the Secretary of the Air Force to act as the implementing command for the Department of Defense technical manual modernization effort. The Army, Navy, and Air Force functional requirements have previously been documented in the Joint Uniform Technical Information System (JUSTIS) Functional Description (FD). The Assistant Secretary of Defense for Production and Logistics tasked the Services to develop a detailed plan to satisfy DoD technical manual requirements through the Joint Computer-aided Acquisition and Logistics Support (J-CALS) system. To this end, the Deputy Assistant Secretaries of the Army and Air Force (Logistics) directed a revalidation of the requirements for automation of technical manuals and an update or revision of the JUSTIS FD as appropriate to accurately reflect the needs of all military services.

This FD documents the requirements for hardware and software support to modernize the management of publications and data about publications in paper and digital media. The scope of the DoD technical manual requirements includes:

a. Support for the manage, acquire, improve, publish, stock, and distribute functions for technical publications (e.g., technical orders, technical manuals, training manuals, indexes, field manuals, rate training manuals, and technical directives, and

b. Support for the manage, stock, and distribute functions for administrative publications (e.g., forms, personnel qualification standards, recruiting aids, and Army and Navy departmental, command and agency regulations/directives).

The Air Force does not intend to use the system to manage, stock, or distribute departmental, command, or agency regulations/directives.

1.1 Purpose of Functional Description.

This Functional Description (FD) has been developed in accordance with Department of Defense Standard 7935A (DoD-STD-7935A) dated 31 Oct 88 and amended to include Integrated Computer Aided Manufacturing Definition (IDEF) Language products. The purpose of this FD is to:

a. Delineate requirements to be satisfied.

b. Establish a basis for mutual understanding between the user and the developer.

c. Document the organizational, operational, and developmental environments.

d. Establish a basis for developing the system test and acceptance criteria.

e. Serve as a basis for developing system/subsystem specifications.

A functional requirements matrix (RM) and information engineering models have been incorporated into this FD. The Army, Navy and Air Force have concurred that the RM provided at Appendix II provides needed additional details on their TM functional requirements and should be restricted for "Government Use Only." The Army and Navy have concurred that the Information Engineering Models provided at Appendix III provide needed additional details on their services' information requirements and should be restricted for "Government Use Only."

1.2 Project References.

1.2.1 Program Documents.

All documents reflect the most current version including amendments/supplements unless specified by date.

1.2.1.1 Army Program Documents.

U.S. Army Materiel Command/U.S. Army Information Systems Command St. Louis System Decision Paper Milestone III (SDP-1) for the Automated Publications Production System (APPS), (undated) with the following appendixes:

a. Mission Element Need Statement (MENS) for Automated Publications Production System (APPS).

b. Program Management Structure and Plan for the Automated Publications Production System (APPS).

c. Acquisition Strategy for the Automated Publications Production System (APPS).

d. Economic Analysis for the Automated Publications Production System (APPS).

e. Test and Evaluation Plan for the Automated Publications Production System (APPS).

1.2.1.2 Navy Program Documents.

a. Navy Technical Manual Automation Transition Concept, 4 Oct 89.

b. Navy Mission Element Needs Statement (MENS), 6 Nov 89.

c. SPAWAR Technical Data Center Mission Element Need Statement (MENS) and System Decision Paper (SDP), 15 Aug 86.

d. Navy Mission Element Need Statement (MENS), Technical Manual Publish on Demand System (TMPODS), 23 Jun 89.

1.2.1.3 Air Force Program Documents.

a. Program Management Directive (PMD) for the Joint Uniform Service Technical Information System (JUSTIS), 12 July 1991.

b. Program Management Directive (PMD) 7250(4)/71112F/72895F, 4 Dec 89, Air Force Technical Order Management System.

c. Statement of Operational Need (SON), 001-89, 16 February 1989, Air Force Technical Order Management System.

d. Joint Uniform Service Technical Information System, Communication-computer System Program Plan, Draft, undated.

e. HQ USAF/LE System Operational Requirements Document (SORD) 001-89-1 (Air Force Requirements only) for Joint Uniform Service Technical Information System [JUSTIS (formerly AFTOMS)] 15 Jun 90.

f. Feasibility Study, 31 Dec 89.

g. Formal Draft, Economic Analysis, Joint Uniform Service Technical Information System, 31 May 91.

h. Mission Need Statement, 26 Jul 88.

i. Air Force Technical Order Management System (AFTOMS) Functional Description, 12 Jul 90.

j. DASAF(L) memorandum, 23 Feb 90, Subject: AFTOMS/JUSTIS

1.2.2 Related Technical Documents.

The following documents concern projects related to the joint TM system functional requirements:

1.2.2.1 Army Related Technical Documents.

a. Functional Description for the Army Equipment Publication Management System, W2129-84P, Milestone/Subtask 1.5, February 5, 1987, Technology Management Corporation/Planning Research Corporation.

b. Equipment Publications Management System Final Design, Milestone/Subtask 2.30, January 24, 1989, Planning Research Corporation and Electro-Tech International Corporation.

c. Equipment Publications Management System Revised Data Element Dictionary, Milestone/Subtask 1.30, January 24, 1989, Planning Research Corporation and Electro-Tech International Corporation.

d. MRSA-P 310-5, Introduction to the Equipment Oriented Publication Data Base (EOPDB), Headquarters, United States Army Materiel Command (USAMC) Materiel Readiness Support Activity, October 1987.

e. Equipment Oriented Publication Data Base (EOPDB) consolidated Publication Data File Descriptions Data Item Dictionary as of 1 March 1990.

f. CASE Management User Guide, with change 1, 12 February 1990.

g. Draft Logistics Planning and Requirements Simplification System (LOGPARS) Users Handbook, A0325-88-38-1-OCT, MRSA, 1 Oct 88.

h. Logistics Planning and Requirements Simplification System (LOGPARS) User Tutorial, Version 2.0, A0325-90-1-MAR, MRSA, I Mar 90.

i. Army CALS Functional Analysis, Final Army CALS Business Model and Baseline Technical Architecture Report, January 20, 1989, CACI, Inc.-Federal.

j. Automated Data Systems Manual (ADSM 18-LEA-JBE-ZZZ-UM-05), Commodity Command Standard System, Repair Parts and Special Tools List.

k. Functional Description for the Army Publications Logistics System (APLOGS) Draft, 15 October 90.

l. Automated Data Systems Manual (ADSM 18-LCA-JBC-222-UM- 16) Component List Publications.

m. Functional Description Supply Catalog Component List Publication Data Base, 19 November 1980.

1.2.2.2 Navy Related Technical Documents.

a. Enhanced - Ships Technical Publications System (E-STEPS) Repository Users Manual, June 1985.

b. E-STEPS Technical Manual Identification Numbering Subsystem User's Manual, January 1988.

c. E-STEPS SMARTREPORT V5-1, October 1987.

d. E-STEPS Publications Data Subsystem User's Manual, March 1989.

e. E-STEPS Ships Tailored Technical Manual (STTM) Subsystem User's Manual, December 1989.

f. E-STEPS Distribution Module User Manual, May 1989.

g. E-STEPS Forms and Publication Status Report (FPSR) User Manual, February 1989.

h. SPAWAR TDC CSA Users Manual.

1.2.2.3 Air Force Related Technical Documents.

a. Automated Technical Order System (ATOS), Phase I Functional Description, Ogden Air Logistics Center (00-ALC)/MME-3, dated 1 Aug 83.

b. ATOS Phase I Engineering Change Proposal, Feb 88.

c. Air Force Logistics Command Manual (AFLCM) 171-56, Logistics Management of Technical Orders, Initial Distribution of TOs Subsystem (GO22A).

d. AFLCM 171-59, Logistics Management of Technical Orders, Preparation of Technical Order Indexes Subsystem (GO22B).

e. AFLCM 171-60, Logistics Management of Technical Orders, Air Logistics System Logistics Subsystem (GO22C).

f. AFLCM 171-61, Logistics Management of Technical Orders, TO Management Information Subsystem (GO22D).

g. AFLCM 171-64, Logistics Management of Technical Orders, Occupational Safety and Health Act Review Subsystem (GO22E).

h. AFLCM 171-156, Logistics Management of Technical Orders, TO Repository Management Subsystem (GO22F).

1.2.3 Applicable Standards/Specifications or Reference Documentation

1.2.3.1 Standards/Specifications.

The following Military Standards (MIL-STDs) and specifications relate to this effort. Use the latest revision specified in the DoD Index of Specifications and Standards (DODISS) unless specifically stated otherwise.

a. MIL-C-63013(TM), Catalogs, Supply: Sets, Kits, Outfits, and Tools.

b. MIL-D-28000, Digital Representation for Communication of Product Data: Initial Graphics Exchange Specification (IGES) application subsets.

c. MIL-D-28003, Digital Representation for Communication of Illustrated Data: Computer Graphics Metafile (CGM) application profile.

d. MIL-HDBK-59, DoD Computer-Aided Acquisition and Logistics Support Program Implementation Guide.

e. MIL-HDBK-63038-1(TM), Technical Manual Writing Handbook.

f. MIL-HDBK-63038-2(TM), Technical Writing Style Guide.

g. MIL-M-15071, Manuals, Technical: Equipment and Systems, Content Requirements for.

h. MIL-M-28001, Mark-up Requirements and Generic Style Specification for Electronic Printed Output and Exchange of Text [based on Standard Generalized Markup Language (SGML)].

i. MIL-M-38748, Microfiche; for Engineering/Technical Data, Reports, Studies and Related Data, Requirements for.

j. MIL-M-38784, Manuals, Technical: General Style and Format Requirements.

k. MIL-M-38793, Manuals, Technical: Calibration Procedures, Preparation Of.

l. MIL-M-63002(TM), Manuals, Technical: Requirements for Preparation of Modification Work Orders.

m. MIL-M-63003GM), Manuals, Technical: Battlefield Damage Assessment and Repair, Preparation of.

n. MIL-M-63004(M), Manuals, Technical: Preparation of Lubrication Orders.

o. MIL-M-63005(AV), Manuals, Technical: For Preparation for Shipment of Army Aircraft.

p. MIL-M-63007(TM), Manuals, Technical and Catalogs, Supply: Hand Receipt (DA Form 2062), Preparation of.

q. MIL-M-63010, Manuals, Technical: DoD Standard Generator Sets.

r. MIL-M-6301 I(AV), Manuals, Technical: For Maintenance Test Flight of Army Aircraft.

s. MIL-M-63012, Depot Maintenance Work Requirements for Maintenance/Demilitarization of Conventional and Chemical Ammunition.

t. MIL-M-63014(AV), Manuals, Technical: For Phased Maintenance Checklist.

u. MIL-M-63015(TM), Manuals, Technical: Conventional and Chemical Ammunition.

v. MIL-M-63016(TM), Manuals, Technical: Munitions Equipment.

w. MIL-M-63017(M), Manuals, Technical: Requirements for Munition Equipment and Ammunition Data Sheets.

x. MIL-M-63018, Manuals, Technical: Nonnuclear Explosive Ordnance Disposal.

y. MIL-M-63023(TM), Manual, Technical: Transportability Guidance for Military Materiel, Preparation of.

z. MIL-M-63029(AV), Manuals, Technical: Requirements for Operator’s Manuals and Checklists for Aircraft.

aa. MIL-M-63030(AV), Manuals, Technical: Preventive Maintenance Services and Preventive Maintenance Daily.

ab. MIL-M-63033(TM), Manuals, Technical: Requirements for Demilitarization of Surplus Military Items.

ac. MIL-M-63034(TM), Bulletins, Technical: Warranty,

Preparation Of.

ad. MIL-M-63036(TM), Manuals, Technical: Operator's, Preparation Of.

ae. MIL-M-63038, Unit, Direct Support, and General Support Maintenance Manuals.

af. MIL-M-63041, Manuals, Technical: Preparation of Depot Maintenance Work Requirements.

ag. MIL-M-63048(M), Preparation of Equipment Publications on Microfiche.

ah. MIL-M-63049(TM), Manuals, Technical: List of Applicable Publications (LOAP).

ai. MIL-M-7298, Manuals, Commercial Off the Shelf.

aj. MIL-M-82376, Manuals, Technical: Operation and Maintenance Instructions for Training Devices.

ak. MIL-M-85337, Manuals, Technical: Quality Assurance Program; Requirements for.

al. MIL-M-9854, Technical Manuals: Structural Repair (For Aircraft).

am. MIL-P-29005 (TD) Publications Planned Maintenance System for Training Devices.

an. MIL-P-38790A, Printing Production of Technical Manuals: General Requirements for.

ao. MIL-R-28002, Raster Graphics Representation in Binary Format, Requirements for (based on CCNT Group 4).

ap. MIL-STD-129J, Marking for Shipment and Storage.

aq. MIL-STD-334(M), Displayed Messages for Automatic Test Equipment.

ar. MIL-STD-335aM), Manuals, Technical: Repair Parts and Special Tools List.

as. MIL-STD- 1 189A, Standard Department of Defense Bar Code Symbology.

at. MIL-STD-1379B, Contract Training Programs.

au. MIL-STD-1388-2B, DoD Requirements for a Logistics Support Analysis Record.

av. MIL-STD-1472, Human Engineering Design Criteria for military Systems, Equipment and Facilities.

aw. MIL-STD-1379, Contract Training Programs.

ax. MIL-STD-1589, JOVIAL.

ay. MIL-STD-1777, Internet Protocol (EP).

az. MIL-STD-1778, Transmission Control Protocol (TCP).

ba. MIL-STD-1780, File Transfer Protocol (FTP).

bb. MIL-STD-1781, Simple Mail Transfer Protocol (SMTP).

bc. MIL-STD-1782, TELNET Protocol.

bd. MIL-STD-1790, Data Requirements for Development, Acquisition, and Update of Technical Manuals.

be. MIL-STD-1806, Marking Technical Data Prepared by or for the Department of Defense.

bf. MIL-STD-1808, System/Subsystem/Subject Number (S/S/SN), Numbering System.

bg. MIL-STD-1815, Ada Programming Language.

bh. MIL-STD-1840, Automated Interchange of Technical Information.

bi. MIL-STD-29532, Master Library Data Elements.

bj. MIL-Q-IETMQA, Interactive Electronic Technical Manual (IETM) Quality Assurance Program (draft).

bk. MIL-M-GCSFUI, General Content, Style, Format and User-Interaction Requirements for IETMs (draft).

bl. MIL-D-IETMDB, Revisable Data Base for IETMs (draft).

bm. MIL-HDBK-IETMVP, Guidelines for Developing Specifications for IETM View Packages (draft).

bn. MIL-HDBK-EDS (Navy), Electronic Display Systems for IETMs (draft).

bo. Interactive Electronic Technical Manual Presentation Style Guide (Army), Version I.O.

1.2.3.2 Federal Information Processing Standards.

The following Federal Information Processing Standards (FIPS) apply:

a. FIPS 21-1 COBOL.

b. FIPS 69 FORTRAN.

c. FIPS PUB 146, Government Open Systems Interconnection Profile (GOSIP).

d. FIPS 151 POSIX.

e. FIPS PUB 100/FED-STD, 1041, Defense Data Network (DDN) Standard X.25, Packet Switching Protocol.

1.2.3.3 Reference Documentation.

The following reference documentation apply:

a. Department of Defense (DoD) Directive 7920.1, Life Cycle Management of Automated Information Systems.

b. DoD Instruction 7920.2, Major Automated Information System Approval Process.

c. Defense Data Network X.25, Host Interface Specification.

d. System Specification of AFLC Local Area Network (LAN), OCL-3104C-10002.

e. Department of Defense Index of Specifications and Standards (DoDISS).

f. DoD 5010.12-L, Acquisition Management Systems and Data Requirements Control List (AMSDL).

g. Automated Operations Planning guide, Prepared by the Council of Federal Data Center Directors.

h. DODD 5000.53, Manpower, Personnel, Training, and Safety (MPTS) in the Defense System Acquisition Process.

1.2.3.4 Regulations.

1.2.3.4.1 Army Regulations.

The following Army Regulations related to development and

acquisition apply:

a. AR 25-1, The Army Information Resources Management Program.

b. AR 25-30 (and AMC Supp. 1), The Army Integrated Publishing and Printing Program.

c. AR 25-36, Interservicing of Technical Manuals and Related Technology.

d. AR 37-60, Pricing for Material and Services.

e. AR 108-2, Army Training and Audiovisual Support.

f. AR 700-127, Integrated Logistics Support.

g. AR 700-51, Army Data Management Program.

h. AR 708-1, Cataloging and Supply Management Data.

i. AR 750-1, Army Materiel Maintenance Concepts and Policies.

j. AMCP 25-30, Equipment Publications Listing.

k. AMCP 310-4, Guide for Preparation of Equipment Publications Contract Packages.

l. AMCP 310-13, Preparation of Plans for Technical Manual Verification.

m. AMCP 700-4, Logistics Support Analysis Techniques Guide.

n. AMCP 750-10, Management Analysis of AMC Equipment Publications Program.

o. AMCR 15-3, AMC Equipment Manuals Council.

p. DA Pamphlet 25-30, Consolidated Index of Army Publications and Blank Forms.

q. DA Pamphlet 25-32, Foreign Military Sales Publication Guide.

r. DA Pamphlet 25-33, Standard Army Publications System (STARPUBS) Revision of the DA 12-Series Forms, Usage and Procedures.

s. MRSA Pamphlet 25-35, Maintenance Publication Guide.

1.2.3.4.2 Navy Instructions.

The following Navy instructions, handbooks, and publications apply:

a. SEC NAVINST 5219.2A, Technical Manual Program Management, Policies and Responsibilities.

b. OPNAV Instructions.

1. OPNAVINST 4790.2, Naval Aviation Maintenance Program.

2. OPNAVINST 5510.1 (series), Department of the Navy Information Security Program.

3. OPNAVINST 3710.7 (series), Naval Air Training and Operating Procedures Standardization (NATOPS) Program.

4. OPNAVINST 5600.22, Interservicing of Technical Manuals and Related Technology.

5. OPNAVINST 5513.1 (series), Department of the Navy Security Classification Guidance.

c. NAVAIR Instructions.

1. NAVAIRINST 5600.20, Policies and Responsibilities for Naval Air Systems Command TM Program.

2. NAVAIRINST 4160.1, NAVAIR Standard Technical Manual Identification Numbering System (TMINS).

3. NAVAIRINST 4160.2, Navy Technical Manual Program.

d. SPAWAR Instructions.

1. SPAWARINST 4160.2, Technical Manual Management Program.

2. SPAWARINST 4130.IA, Configuration Management.

e. NAVSEA Instructions.

NAVSEAINST 4160.3A, Technical Manual Management Program.

f. NAVAIR TECHSERVFAC Instructions.

1. NAVAIRTECHSERVFACINST 5600.4, Publication Order Sheet.

2. NAVAIRTECHSERVFACINST 5600.7A, Microfilm Distribution.

g. NAVSUP Instructions.

1. NAVSUPINST 449 1. 1, Promulgation of Fleet Use of MILSTRIP.

2. NAVSUPINST 4440.179, Report of Discrepancy (ROD) Manual.

3. NAVSUPINST 5600.26, Bar Coding of All Stock Numbered Technical Manuals.

4. NAVSUPINST 5600.19, Forms and Publications Status Report, Procedures for Preparation and Routing.

5. NAVSUPINST 5600.21, Introduction, Procurement, and Management of Cognizance Symbol "OI" Publications.

h. NAVPUB Instructions.

1. NAVPUBINST 5605.20B, DD282, Department of Defense Printing Requisition.

2. NAVPUBINST 5604.39, Technical Manual Cover Specification.

3. NPFCINST 4400. 1A, Inventory Control Point Manual.

i. Handbooks.

1. NAVSEA N000-00-IDX-000/TMINS, Technical Manual Identification Numbering System (TMINS) Application Guide and Index.

2. NAVSEA 50005-AA-GYD-030/TMMP, Guide for User Maintenance of NAVSEA Technical Manuals.

3. NAVSEA 50701-AA-GYD-010/M-SPECS, Modular Specification System (M-SPECS) for Technical Manual Acquisition.

4. NAVSEA S0005-AA-PRO-010/TMMP, Operations and Procedures Manual.

5. NAVSEA T0005-AC-GYD-010, Guide for Preparation of the Naval Ships’ Technical Manual.

6. NAVSEA T0005-AC-GYD-010/020, Procedures for Maintaining Non-Reactor Plant Systems Manuals and Equipment/ Component Technical Manuals.

7. SPAWAR EEOOO-DM-GYD-010, Technical Data Center Management Guide.

8. SPAWAR EEOOO-NF-GYD-010 Series, Technical Manual Adequacy Guides (6 volumes).

9. SPAWAR EEOOO-NA-GYD-010/TMINS, Standard Technical Manual Identification Numbering System (TMINS).

10. SPAWAR EEOOO-ND-GYD-010, Guide for User Maintenance of SPAWAR Technical Manuals.

11. SPAWAR EEOOO-NC-GYD-010, Technical Manual Maintenance Guide for SPAWAR Field Maintenance Agents.

j. NAVMAT Instructions.

NAVMATINST 5600.11 (series), Interservicing of Technical Manuals and Related Technology.

k. NAVSUP Publications.

1. NPFC PUB 2002, Navy Stock List of Publications and Forms.

2. NAVSUP PUB 437, Supply Ashore Procedures.

3. NAVSUP PUB 485, Supply Afloat Procedures.

4. NAVSO P-1000 Vol 3 and 8, Navy Comptrollers Manual.

l. NAVAIR Technical Manuals.

1. 00-25-100, Technical Manual Program.

2. 00-25-566, Joint Interest List of Technical Manuals.

3. 00-25 DRT-1, Naval Aeronautical Publications, Automatic distribution Ordering Blanks.

4. 00-500A, Equipment Applicability List.

5. 00-500C Series, Directives Application List.

6. 00-500M Series, Microfilm Cartridge Cross-Reference.

7. 00-500SE, Support Equipment Changes Cross-Reference.

8. 01-700, Checklist/SRC/Manual.

9. NAVPERS 18068 (series), Manual of Navy Enlisted Manpower and Personnel Classifications and Occupational Standards.

10. 17-35 MTL-1, Metrology and Calibration Program.

11. 00-25-601, Cognizant Field Activity Procedures for Management of Assigned Technical Manuals.

12. AL-855TM-6YD-000, Technical Manual Quality Assurance Program Guide.

m. NAVEDTRACOM Instructions.

1. CNETINST 1552.4 (series), Administration of the Navy Enlisted Advancement System.

2. CNETINST 1552.3 (series), Development, Revision, and Administration of Nonresident Training.

3. CNETINST 3500.3 (series), Personnel Qualification Standards (PQS) Program.

4. NETPMSAINST 1552.3 (series), Training Manual and Nonresident Training Course Development Manual.

5. NAVSO P-35, Department of Navy Publication and Printing Regulation.

n. BUPERS Instructions.

BUPERSINST 1430.16C, Manual of Advancement.

o. Marine Corps Orders.

1. MCO 4000.54, Marine Corps Computer Aided Acquisition and Logistics.

2. MCO 5215.16, Interservicing of Technical Manuals and Related Technology.

3. MCO P5215.17, Marine Corps Technical

Publications System.

p. NAVTRASYSCEN Instructions.

1. NAVTRASYSCENINST 4200.11, NAVTRASYSCEN Acquisition Manual.

2. NAVTRASYSCENINST 4720.1, Trainer Modification Processing and Control Procedures for Cognizance Symbol 2"O" Training Systems.

3. NAVTRASYSCEN P-530, Training Systems Guide.

1.2.3.4.3 Air Force Regulations.

The following Air Force Regulations related to development and acquisition apply:

a. Air Force Regulation (AFR) 4-29, Air Force Data Management Program.

b. AFR 5-1, Air Force Publications Management Program.

c. AFR 6-1, Policies, Procedures and Standards for Production and Procurement of Air Force Printing, Duplicating, Copying, and Microform.

d. AFR 8-2, Air Force Technical Order System.

e. AFR 8-3, USAF Intelligence (USAFINTEL) Specialized Publications.

f. AFR 8-4, Joint Technical Coordinating Group for Munitions Effectiveness (JTCG/ME) Publications.

g. AFR 8-9, USAF Communications-computer Systems Security Publications.

h. AFR 12-30, Air Force Freedom of Information Act Program.

i. AFR 23-2, Air Force Logistics Command (Organization and Mission).

j. AFR 50-8, Policy and Guidance for Instructional System Development (ISD).

k. AFR 50-9, Special Training.

l. AFR 50-1, Management of Training Systems.

m. AFR 50-18, Interservice Training.

n. AFR 56-16, Control of Compromising Emanation.

o. AFR 56-30, Computer Security Policy.

p. AFR 56-32, Computer Security for Operational Systems.

q. AFR 56-33, Computer Security for Operational Networks.

r. AFR 56-50, Communications Security Policies, Procedures, and Instructions.

s. AFR 60-9 and AFLC Supplement 1, Flight Manuals Program.

t. AFR 66-19, Interservicing of Technical Manuals and Related Technology.

u. AFR 80-14, Test and Evaluation.

v. AFR 80-34, Withholding Unclassified Technical Data From Public Disclosure.

w. AFR 83-3, Marking Technical Documents.

x. AFR 125-37, The Installation and Resources Protection Program.

y. AFR 205-1, Information Security Program (Supplements DoD 5200.1-R).

Z. AFR 205-16, Computer Security Policy.

aa. AFR 205-32, USAF Personnel Security Program (Supplements DoD 5200.2-R).

ab. AFR 310-1, Management of Contractor Data.

ac. AFR 700-1, Managing Air Force Communications-computer Systems.

ad. AFR 700-2, Communications-computer Systems Planning and Architecture.

ae. AFR 700-3 and AFLC Supplement, Communications-computer Systems Requirements Processing.

af. AFR 700-4, Volume I and AFLC Supplement, Communications- computer Systems Program Management.

ag. AFR 700-4, Volume 2 and AFLC Supplement,

Communications- computer Systems Acquisition and Major Automated Information Systems Review Requirements.

ah. AFR 700-5, Communications-computer Systems Requirements Board.

ai. AFR 700-6, Information Systems Operations Management, and AFLC Sup 1.

aj AFR 700-7, Information Processing Center Operations Management.

ak. AFR 700-9, Volume 1, Information Systems Standardization Program.

al. AFR 700-9, Volume 2 and AFLC Supplement, Information Systems Data Element Standardization and Management Program.

am. AFR 700-1, Management and Control of Information Reports Requirements.

an. AFR 700-53, Management of Standard Systems.

ao. AFR 800-2, Acquisition Program Management.

ap. AFR 800-4, Transfer of Program Management Responsibility.

aq. AFR 800-14, Lifecycle Management of Computer Resources in Systems.

ar. Air Force Logistics Command/Air Force Systems Command Regulation (AFLC/AFSCR) 6-1, Technical Order (TO) Printing.

as. AFLC/AFSCR 8-1, Nuclear Weapons/Aircraft Delivery, Loading and Transport Technical Manual Program.

at. Air Force Logistics Command/Air Force Communications Command Regulation (AFLC/AFCCR) 8-2, AFLC and Air Force Communications Command (AFCC) Technical Order Responsibilities and Agreements.

au. AFLC/AFSCR 8-3, Processing Interim Technical Orders.

av. Air Force Logistics Command/Air Force Systems Command/Tactical Air Command Regulation (AFLCJAFSQTACR) 8-13, Aircraft/Nonnuclear Munitions TO Program.

aw. Air Force Logistics Command Regulation (AFLCR) 7-1, Receiving, Distribution, and Warehousing Prime TOs.

ax. AFLCR 8-4, Air Force Technical Order System.

ay. AFLCR 8-5, Technical Order Mechanized Information, Numbering, Indexing, and Distribution System.

az. Air Force Pamphlet (AFP) 8-17, TO Account Managers Pamphlet.

ba. AFP 700-50, Vols 1-9.

bb. Air Force Manual (AFM) 50-108VI, Computer Assisted Training System (CATS) E776/EE, Users Manual.

bc. AFM 50-108V2, Computer Assisted Training System (CATS) E776/EE, Users Manual.

bd. AFM 50-752, Computer Directed Training, E776A/VC, Users Manual.

be. TO 0-1-01, TO Indexes.

bf. TO 0-1-02, Index of General TOs.

bg. TO 0-1-11N-C, Index of Joint Nuclear Weapons Publication.

bh. TO 00-5-1, Air Force Technical Order System.

bi. TO 00-5-2, Technical Order Distribution System.

bj. TO 00-5-3, Air Force Technical Manual Acquisition Procedures.

bk. TO 00-5-15, Time Compliance Technical Order System.

bl. TO 00-5-16, Software Managers Manual for Air Force Computer Program Identification Numbering (CPIN) system.

bm. TO 00-5-17, Users Manual USAF Computer Program Identification Numbering (CPIN) System.

bn. TO 00-5-18, USAF Technical Order Numbering System.

bo. TO 00-5-19, Security Assistance Technical Order Program.

bp. TO 00-25-115, Logistics/Maintenance Engineering Management Assignments.

bq. Technical Manual (TM) 86-01, Air Force Technical Manual Contract Requirement (TMCR) - Preparation Instructions.

1.2.3.5 Other.

The following documents relate information key to the development of the ADS:

a. DoD Directive 3405.1, Computer Program Policy Language.

b. DoD Directive 5000.11 (Draft), Department of Defense Data Administration.

c. DoD Directive 5000.1, Major and Non-Major Defense Acquisition Programs.

d. DoD Instruction 5000.2, Defense Acquisition Management Policies and Procedures.

e. DoD Instruction 5010.12, DoD Technical Data Management Program.

f. DoD Instruction 5025.1-1, DoD Directive System Quarterly Index.

g. DoD Instruction 5230.24, Distribution Statements on Technical Documents.

h. DoD Instruction 7041.3, Economic Analysis and Program Evaluation for Resource Management.

i. DoD 5220.22-M, Industrial Security Manual for Safeguarding Classified Information.

j. DoD Manual 4120.3-M, Defense Standardization and Specification Program Policies, Procedures and Instructions.

k. DoD 5200.28, Security Requirements for Automated Information Systems.

l. DoD 5200.1-R, Information Security Program Regulation.

m. Joint Chiefs of Staff, Pub 18, Operations Security.

n. NCSC-TG-001-87, Guide to Understanding Audits in Trusted Systems.

o. NCSC-TG-005, Trusted Network Interpretation.

p. DoD 4000.25-1-M, Military Standard Requisitioning and Issue Procedures (MILSTRIP).

q. DoD 4000.25-2-M, Military Standard Transaction Reporting and Accounting Procedures (MILSTRAP).

r. DoD 4000.25-3-M, Military Standard Supply and Transportation Evaluation Procedures (MILSTEP).

s. DoD 4000.25-6-M, Department of Defense Activity Address Directory (DoDAAD).

t. DoD 4000.25-10-M, Defense Automatic Addressing System.

u. DoD 4000.32R, Military Standard Transportation and Movement Procedures (MILSTAMP).

v. CSC-STD-001-83, DoD Trusted Computer System Evaluation Criteria.

1.3 Abbreviations/Acronyms.

The section provides abbreviations and a listing of acronyms which are specific and/or unique to this document.

ACALS	Army Computer-aided Acquisition and Logistics Support
ACAPS	AMCCOM Computer-Aided Publications System
ACLDB	Army Central Logistics Data Base
ACN	Advance Change Notice
ADMAPS	Automated Document Management and Production System
ADP	Automated Data Processing
ADRL	Automated Distribution Requirements List
ADS	Automated Data System
AFC	Airframe Change
AFCC	Air Force Communications Command
AFCCR	Air Force Communications Command Regulation
AFLC	Air Force Logistics Command
AFLCM	Air Force Logistics Command Manual
AFLCR	Air Force Logistics Command Regulation
AFMC	Air Force Materiel Command
AFOTEC	Air Force Operational Test and Evaluation Center
AFP	Air Force Pamphlet
AFR	Air Force Regulation
AFSC	Air Force Systems Command
AFSCR	Air Force Systems Command Regulation
AFROMS	Air Force Technical Order Management System
AFROS	Air Force Technical Order System
AGMC	Aerospace Guidance and Metrology Center

AIMS	ATF Integrated Maintenance System
AIPPP	Army Integrated Publishing and Printing Program
AIS	Automated Information System
ALC	Air Logistics Center
ALPS	Automated Logistics Publishing System
AMC	Army Materiel Command
AMCC	Army Metrology and Calibration Center
AMCCOM	Armament, Munitions and Chemical Command
AMCP	Army Materiel Command Pamphlet
AMDF	Army Master Data File
ANSI	American National Standards Institute
APLOGS	Army Publications Logistics System
APPS	Automated Publications Production System
AR	Army Regulation
ARL	Activity Requirements List
ASAT	Automated Systems Approach to Training
ASCII	American Standard Code for Information Interchange
ASO	Aviation Supply OfFice
ATC	Air Training Command
ATF	Advanced Tactical Fighter
ATO	Abbreviated Technical Order
ATOMS	Automated Technical Order Management System
ATOS	Automated Technical Order System
ALTTODIN	Automated Digital Information Network
AVSCOM	Aviation Systems Command
BDN	Bulk Data Network
C	Controls
CAD	Computer Aided Design
CAGE	Commercial and Government Entity
CALS	Computer-aided Acquisition and Logistics Support
CAMS	Core Automated Maintenance System
CASE	Computer Aided Software Engineering
CBT	Computer-Based Training
CBTOS	Computer Based Technical Order System
CCSLA	CECOM Communications Security Logistics Support Activity CCSS Commodity Command Standard System
CDA	Catalog Data Agency
CDRL	Contract Data Requirements List
C-E	Communications-Electronics
CECOM	Communications Electronics Command
CFA	Cognizant Field Activity
CFE	Contractor Furnished Equipment
CGM	Computer Graphics Metafile
CIN4	Corporate Information Management
CIMS	Computerized Inventory Management System
CINCLANTFLT	Commander in Chief, U.S. Atlantic Fleet
CINCPACFLT	Commander in Chief, U.S. Pacific Fleet

CIR	Centralized Inventory and Requirements
CL	Component List
CLIN	Contract Line Item Number
CMS	Case Management System
CNET	Chief of Naval Education Training
CNO	Chief of Naval Operations
Comm	Communication Network
COMNAVMUYERSCOM	Commander, Navy Military Personnel Command
COMPUSEC	Computer Security
COMSEC	Communications Security
CONUS	Continental U.S.
COTS	Commercial Off-the-Shelf
CPIN	Computer Program Identification Numbering
CRAM	Customer Requisitioning Account Module
CSA	Configuration Status Accounting
CSPP	Communications-computer Systems Program Plan
CSRL	Code Selected Reconciliation List
CTOCU	Central Technical Order Control Unit
CTOM	Centralized Technical Order Management
CTOS	Computerized Technical Order System
DA	Department of the Army
DAAG	Department of the Army Adjutant General
DAAS	Defense Automatic Addressing System
DBMS	Data Base Management System
D,CN	Design Change Notice
DCTN	Defense Commercial Telecommunications Network
DDN	Defense Data Network
DID	Data Item Description
DLA	Defense Logistics Agency
DLIS	Defense Logistics Information System
DLSC	Defense Logistics Supply Center
DMS	Data Management System
DMWR	Depot Maintenance Work Requirement
DNA	Defense Nuclear Agency
DoD	Department of Defense
DODISS	Department of Defense Index of Specifications and Standards
DOE	Department of Energy
DOIM	Director of Information Management
DPS	Defense Printing Service
DRT	Distribution Requirements Table
DSN	Defense Switched Network
DSREDS	Digital Storage and Retrieval Engineering Drawing System
DT&E	Development, Test and Evaluation
DTRC	David Taylor Research Center
ECD	Estimated Completion Date

ECP	Engineering Change Proposal
EDI	Electronic Data Interchange

EDMICS	Engineering Data Management Information and Control System
EIR	Equipment Improvement Report
ELIN	Element Line Item Number
EMM	Extended Memory Model
EOD	Explosive Ordnance Disposal
EOPDB	Equipment Oriented Publications Data Base
EPMS	Equipment Publications Management System
EPS	Electronic Publishing System
E-STEPS	Enhanced Ships Technical Publication System
ETMS	Electronic Technical Manual System
ETPS	Electronic Technical Publishing System
FCDNA	Field Command, Defense Nuclear Agency
FD	Functional Description
FMS	Foreign Military Sales
FPSR	Forms and Publication Status Report
FOC	Full Operational Capability
FOIA	Freedom of Information Act
FOP	Forecast of Procurement
FOT&E	Full Operational Test and Evaluation
FSC	Federal Supply Class
FTP	File Transfer Protocol
FTS	Federal Telephone Service
GFE	Government Furnished Equipment
GFUS	C-17 G File User System
GOSIP	Govemment Open Systems Interconnection Profile
GPO	Govemment Printing Office
GSA	General Services Administration
GUI	Graphical User Interface
HQ	Headquarters
HQ USAF	Headquarters United States Air Force
I	Input
IAW	In Accordance With
ICOM	Inputs, Controls, Outputs, Mechanisms
ICP	Inventory Control Point
ID	Initial Distribution
IDEF	Integrated Computer Aided Manufacturing Definition
IETM	Interactive Electronic Technical Manual
IGES	Initial Graphics Exchange Specification
ILS	Integrated Logistics Support
ILSP	Integration Logistics Support Plan
IM	Information Management
IOA	Islands of Automation
IOC	Initial Operational Capability
IOL	Initial Outfitting Lists

IOT&E	Initial Operational Test and Evaluation
IP	Internet Protocol
IPB	Illustrated Parts Breakdown
IPC	Information Processing Center
IPR	In-Process Review
IRAC	Interim Rapid Action Change
IRRD	Issue Release/Receipt Document
ISEA	In-Service Engineering Activity
ISO	International Standards Organization
ITDS	Improved Technical Data System
ITM	Interim Technical Manual
ITIO	Interim Technical Order
ITOFCN	Interim Technical Order Field Change Notice
ITTO	Index Type Technical Order
IV&V	Independent Validation and Verification
JCL	Joint Logistics Commanders
JCP	Joint Committee on Printing
JMEM	Joint Munitions Effectiveness Manual
JNWPS	Joint Nuclear Weapons Publications System
JSTARS	Joint Surveillance & Target Attack Radar System
JTCG	Joint Technical Coordinating Group
JUSTIS	Joint Uniform Service Technical Information System
LAN	Local Area Network
LANTIRN	Low Altitude Navigation & Targeting Infrared for Night
LIN	Line Item Number
LMTOS	Logistics Management of Technical Order System (DSD G022)
LO	Lubrication Order
LOGPARS	Logistics Planning and Requirements Simplification
LRA	Local Reproduction Authority
LSA	Logistics Support Analysis
LSAR	Logistics Support Analysis Record
MAJCOM	Major Command
MCN	Manual Change Notice
MCR	Manual Change Release
MCRL	Master Cross-Reference List
NMF	Master Data File
MDP	Master Data Package
MDR	Master Data Record
NMT	Mean Downtime
MEARS	Maintenance Engineering Analysis Record
MED	Media Reproduction
MENS	Mission Element Need(s) Statement
micom	Missile Command
MIF	Master Inventory File
MILSTRAP	Military Standard Transaction Reporting and

	Accounting Procedures
MILSTRIP	Military Standard Requisition and Issue Procedures
MNS	Mission Need Statement
MOA	Memorandum of Agreement
MODELS	Modernization of Defense Logistics Standard Systems
MPTO	Methods and Procedures Technical Orders
MRSA	Materiel Readiness Support Activity
msc	Major Subordinate Command
M-SPEC	Modular Specification
MTAB	Military Technical Acceptance Board
MTBCF	Meantime Between Critical Failure
MWO	Modification Work Order
NAC	Navy Advancement Center
NALCOMIS	Naval Aviation Logistics Command Management Information System
NATSF	Naval Air Technical Services Facility
NAVAIR	Naval Air Systems Command
NAVEDTRA	Naval Education and Training Command
NAVEODTECHCEN	Naval EOD Technology Center
NAVFAC	Naval Facilities Engineering Command
NAVSEA	Naval Sea Systems Command
NAVMAT	Naval Material Command
NAVPERS	Naval Personnel
NAVSUP	Naval Supply Systems Command
NAVTRASYSCEN	Naval Training Systems Center
NDD	Network Delivery Device
NETPMSA	Naval Education and Training Program Management Support Activity
NIMS	NATSF Information Management System
NMC	Naval Materiel Command
NPFC	Naval Publications and Forms Center (In April 1991, NPFC was integrated into the Aviation Supply Office)
NPPS	Navy Publishing and Printing Service
NPPSDO	Navy Publishing and Printing Service District Office
NPPSO	Navy Publishing and Printing Service Office
NRTC	Nonresident Training Course
NSA	National Security Agency
NSC	Naval Supply Center
NSDSA	Naval Sea Data Support Activity
NSN	National Stock Number
NTMMPC	Navy Technical Manual Management Policy Council
NTMTC	Navy Technical Manual Technical Council
NTSC	Naval Training Systems Center
O	Output
OC-ALC	Oklahoma City Air Logistics Center
OCR	Optical Character Reader

OCCSTD	Occupational Standard
O&MN	Operations and Maintenance, Navy
OPR	Office of Primary Responsibility
OPSEC	Operations Security
OSD	Office of the Secretary of Defense
OSHA	Occupational Safety & Health Act
OT&E	Operational Test and Evaluation
PAILS	Publications Automated Information Locator System
PALS	PATRIOT Automated Logistics System
PATRIOT	Phased Arrayed Tracking Radar Intercept onto Target
PC	Personal Computer
PCP	Publications Change Package
PCR	Publication Change Request
PDC	Publications Distribution Center
PDR	Publication Distribution Request
PDL	Page Description Language
PDOS	Publishing Distribution Office System
PEO	Program Executive Officer
PID	Printer Initial Distribution
PIN	Publications Identification Number
PLAD	Paperless LANTIRN Automated Depot
PM	Program Manager
PMA	Portable Maintenance Aid
PMD	Program Management Directive
PUE	Primary Mission Equipment
PNML	Precision Measurement Equipment Laboratory
PMO	Program Management Office
PMR	Program Management Responsibility
PMRT	Program Management Responsibility Transfer
POS	Publications Order Sheet
POSIX	Portable Operating System Interface for Computer Environments
PPB	Provisioning Parts Breakdown
PPC	Power Plant Change
PSI	Paperless Ship Initiative
PSR	Project Status Report
PTM	Preliminary Technical Manual
PTO	Preliminary Technical Order
QA	Quality Assurance
RAC	Rapid Action Change
RBD	Requirements Data Bank
RFP	Request for Proposal
RGL	Reading Grade Level
RM	Requirements Matrix
RPI	Recruiting Publicity Item
RTAIS	Remote Terminal AMDF Inquiry System

SA-ALC	San Antonio Air Logistics Center
SAP	Security Assistance Program
SATODS	Security Assistance Technical Order Data System
SB	Supply Bulletin
SC	Supply Catalog
SCN	Ships Construction Navy
SDLM	Standard Depot Level Manual
SDP	Source Data Package
SDP	System Decision Paper
SEC	Support Equipment Changes
SECNAV	Secretary of the Navy
SEL	Support Equipment List
SGML	Standard Generalized Markup Language
SIMA	System Integration and Management Activity
SKO	Sets, Kits or Outfits
SLIN	Sub-Line Item Number
SM	Supply Manual
SM&R	Source, Maintainability and Recoverability
SME	Subject Matter Expert
SMSCRC	Standard Multi-user Small Computer Requirement Contract
SMTP	Simple Mail Transfer Protocol
SNDL	Standard Navy Distribution List
SNL	Sandia National Laboratories
SOA	Separate Operating Agency
SON	Statement of Operational Need
SORD	System Operational Requirements Document
SOW	Statement of Work
SPAWAR	Space and Naval Warfare Systems Command
SPO	System Program Office
SQL	Structured Query Language
SSAF	Standard Single Account File
STANFINS	Standard Finance System
STARPUBS	Standard Army Publications System
SYDP	Six Year Defense Plan
SYSCOM	Systems Command
TACOM	Tank-Automotive Command
TB	Technical Bulletin
TBD	To Be Determined
TCB	Trusted Computer Base
TCP	Transmission Control Protocol
TCTO	Time Compliance Technical Order
TDC	Technical Data Center
TDSS	TRADOC Decision Support System
TECR	Training Equipment Change Request
TM	Technical Manual
TMARC	Technical Manual Acquisition Requirements Checklist
TMCFA	Technical Manual Cognizant Field Activities
TMCR	Technical Manual Contract Requirement

TMDE	Test, Measurement and Diagnostic Equipment
TMDER	Technical Manual Deficiency Report
TMIN	Technical Manual Identification Number
TMM	Technical Manual Manager
TNT	Technical Manual Plan
TMPODS	Technical Manual Publish on Demand System
TMSS	Technical Manual Specifications and Standards
TO	Technical Order
TOCLJ	Technical Order Control Unit
TODCA	Technical Order Distribution Control Activity
TODO	Technical Order Distribution Office
TOFCN	Technical Order Field Change Notice
TOMP	Technical Order Management Plan
TOPS	Technical Order Page Supplement
T?DR	Technical Publications Deficiency Report
TRADOC	Training and Doctrine Command
TRAMOD	Training Module
TROSCOM	Troop Support Command
UADPS	Uniform Accounting Data Processing System
UIC	Unit Identification Code
ULANA	Unified Local Area Network Architecture
UPS	United Parcel Service
USAFISA	U.S. Army Force Integration Support Agency
USAISC	U.S. Army Information Systems Command
USAMC	U.S. Army Materiel Command
USAPPC	U.S. Army Publications and Printing Command
USASC	U.S. Army Security Affairs Command
USDOJ	U.S. Department of Justice
USMC	U.S. Marine Corps
USPS	U.S. Postal Service
UTR	Uptime Ratio
VP	Verification Plan
WKRP	World-wide Keypunch Replacement Program
WL	Weapons Lab
WYSAWG	What You See is What You Get
XPI	Xerox Publishing Illustrator

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